



4  
JW  
6/7/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ) Group Art Unit: unassigned  
DANIEL D. BERNS, ET AL. ) Examiner: unassigned  
Application Number: 10/072,868 )  
Filed: February 12, 2002 )  
Title: CONTAMINATION CONTROL FOR )  
ENGINES )  
Attorney Docket No.: 00-537US )

RECEIVED  
APR 11 2003  
GROUP 1700

Peoria, Illinois 61629-6490

April 2, 2003

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A copy of a foreign search report is also included to explain the relevance of the non-English citation(s) cited therein. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

Respectfully submitted,

  
W. Bryan McPherson III  
Registration No. 41,988  
Caterpillar Inc.

Telephone: (309) 675-4015

WBM:hjf

Enc.



1724

Please type a plus sign (+) inside this box 

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/072,868

Filing Date 02/12/2002

First Named Inventor Daniel D. Bernstein et al.

Group Art Unit unassigned

Examiner Name unassigned

Attorney Docket Number 00-537US

RECEIVED  
APR 11 2003  
GROUP 100

**ENCLOSURES (check all that apply)**

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) \_\_\_\_\_

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):

Copy of foreign search report

## Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	W. Bryan McPherson III, Registration No. 41,988
Signature	
Date	April 2, 2003

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	W. Bryan McPherson III
Signature	
Date	4/02/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



APR 07 2003

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE,  
ired to respond to a collection of information unless it contains a valid OMB

U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Application Number</b>	10/072,868
				<b>Filing Date</b>	02/12/2002
				<b>First Named Inventor</b>	Daniel D. Berns ET AL.
				<b>Art Unit</b>	unassigned
				<b>Examiner Name</b>	unassigned
Sheet	1	of	1	Attorney Docket Number	00-537US

A rectangular stamp with a double-line border. The word "GROUP" is printed vertically along the bottom edge. Diagonally across the center, the words "RECEIVED" and "APR 11 2003" are printed.

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 3,910,702	10-7-1975	Corll	
		US- 4,015,135	3-29-1977	Tipton, Jr.	
		US- 4,129,034	12-12-1978	Niles et al.	
		US- 4,376,637	5-15-1983	Yang	
		US- 4,565,448	1-21-1986	Abbott et al.	
		US- 4,623,252	11-18-1986	Hollenbeck	
		US- 4,830,494	5-16-1989	Ishikawa et al.	
		US- 4,871,251	10-3-1989	Preikschat et al.	
		US- 4,984,889	1-15-1991	Sommer	
		US- 5,090,808	2-25-1992	Ishikawa et al.	
		US- 5,365,559	11-15-1994	hsueh et al.	
		US- 5,572,320	11-5-1996	Reintjes et al.	
		US- 5,788,827	8-4-1998	Munson	
		US- 5,870,190	2-9-1999	Unger	
		US- 5,968,371	10-19-1999	Verdegan et al.	
		US- 5,987,972	11-23-1999	Hirota et al.	
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.